

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

Listing of Claims

1. (Currently Amended) A video game device for displaying a play character on a game screen displayed on a monitor, comprising:

an operation member for moving the play character from a reference position to a predetermined position in a game space,

a storage unit ~~for storing~~ arranged to store a first image data group including a ~~predetermined number~~ plurality of frames of image data ~~for displaying which~~ provide a display of a first action relating to the moving action of the play character and a second image data group including a plurality of frames of image data ~~for displaying which~~ provide a display of a second action of the play character different from the first action,

a display control unit for reading the first and second image data groups from the storage unit and displaying the action of the play character based on the read frames of image data, the display control unit being arranged to consecutively display the frames of image data at a constant time interval, and

a switch control unit for switching the first image data group to the second image data group such that the first action and the second action are smoothly

successively displayed without any discontinuity when the play character reaches the predetermined position by repeatedly displaying the first action,

the display control unit being coupled to the operation member and being arranged to sequentially display an image corresponding to each of the ~~predetermined number~~ plurality of frames of the image data for the first action related to the moving action of the play character stored in the storage unit when the operation member is not operated and during the movement of the play character from the reference position to the predetermined position such that the same moving action of the play character is repeatedly displayed when the operation member is not operated,

when the operation member is being operated, the display control unit being arranged to generate new image data for a new frame to be created between successive frames stored in the storage unit by interpolation between the successive frames based on the operation of the operation member and then to display the newly generated image data.

2. (Currently Amended) A video game device according to claim 1, wherein a specified frame of image data of the first image data group is switched to a frame of image data of the second image data ~~relating~~ related to the specified frame when the play character reaches the predetermined position.

3. (Original) A video game device according to claim 1, wherein the specified frame is the last frame of the first image data group or a frame relating to the last frame, and the frame of the second image data group relating to the specified frame is the first frame thereof.

4-7. (Canceled)

8. (Currently Amended) A video game device according to claim 1, wherein the moving speed of the play character displayed on the monitor by the first action varies according to the operated amount of the operation member, the unit moved amount of the play character by the first action being defined as a distance of the movement of the play character in said plurality of frames of image data for the first action and being [[is]] set at a constant value regardless of the moving speed of the play character, and the distance of the predetermined position from the reference position is a multiple of the unit moved amount.

9. (Currently Amended) A character action setting method in a video game in which a play character is displayed on a game screen on a monitor and moved from a reference position to a predetermined position in a game space by operating an operation member, the method comprising the steps of:

preparing a first image data group including a ~~predetermined number~~ plurality of frames of image data for displaying a first action relating to the moving action of the play character and a second image data group including a plurality of frames of image data for displaying a second action different from the first action;

consecutively displaying a frame of image data at a constant time interval, said step of displaying a frame of image data comprising the steps of

sequentially displaying an image corresponding to each of the ~~predetermined number~~ plurality of frames of the image data for the first action related to the moving action of the play character when the operation member is not operated and during the movement of the play character from the reference position to the predetermined position such that the same moving action of the play character is repeatedly displayed when the operation member is not operated, and

upon operation of the operation member,

generating new image data for a new frame to be created between successive frames by interpolation between the successive frames based on the operation of the operation member, and

displaying the newly generated image data; and

switching the first image data group to the second image data group such that the first action and the second action are smoothly successively displayed without any discontinuity when the play character reaches the predetermined position by repeatedly displaying the first action.

10. (Currently Amended) A character action setting method according to claim 9, wherein a specified frame of image data of the first image data group is switched to a frame of image data of the second image data ~~relating~~ related to the specified frame when the play character reaches the predetermined position.

11. (Original) A character action setting method according to claim 9, wherein the specified frame is the last frame of the first image data group or a frame relating to the last frame, and the frame of the second image data group relating to the specified frame is the first frame thereof.

12-15. (Canceled)

16. (Currently Amended) A character action setting method according to claim 9, wherein the moving speed of the play character displayed on the monitor by the first action varies according to the operated amount of the operation member, further comprising the ~~step~~ steps of defining a unit moved amount as a distance of the movement of the play character in the plurality of frames of image data for the first action and setting the unit moved amount of the play character by the first action at a constant value regardless of the moving speed of the play character, and the

distance of the predetermined position from the reference position is a multiple of the unit moved amount.

17. (Currently Amended) A computer-readable recording medium storing a character action setting program in a video game in which a play character is displayed on a game screen on a monitor and moved from a reference position to a predetermined position within a game space by operating an operation member, the character action setting program comprising the steps of:

preparing a first image data group including a ~~predetermined number~~ plurality of frames of image data for displaying a first action relating to the moving action of the play character and a second image data group including a plurality of frames of image data for displaying a second action different from the first action;

consecutively displaying a frame of image data at a constant time interval, said step of displaying a frame of image data comprising the steps of

sequentially displaying an image corresponding to each of the ~~predetermined number~~ plurality of frames of the image data for the first action related to the moving action of the play character when the operation member is not operated and during the movement of the play character from the reference position to the predetermined position such that the same moving action of the play character is repeatedly displayed when the operation member is not operated, and

upon operation of the operation member,

generating new image data for a new frame to be created between successive frames by interpolation between the successive frames based on the detected operation of the operation member, and

displaying the newly generated image data; and

switching the first image data group to the second image data group such that the first action, and the second action are smoothly successively displayed without any discontinuity when the play character reaches the predetermined position by repeatedly displaying the first action.

18. (Currently Amended) A computer-readable recording medium according to claim 17, wherein a specified frame of image data of the first image data group is switched to a frame of image data of the second image data ~~relating~~ related to the specified frame when the play character reaches the predetermined position.

19. (Original) A computer-readable recording medium according to claim 17, wherein the specified frame is the last frame of the first image data group or a frame relating to the last frame, and the frame of the second image data group relating to the specified frame is the first frame thereof.

20-23. (Canceled)

24. (Currently Amended) A computer-readable recording medium according to claim 17, wherein the moving speed of the play character displayed on the monitor by the first action varies according to the operated amount of the operation member, further comprising the ~~step~~ steps of defining a unit moved amount as a distance of the movement of the play character in the plurality of frames of image data for the first action and setting the unit moved amount of the play character by the first action at a constant value regardless of the moving speed of the play character, and the distance of the predetermined position from the reference position is a multiple of the unit moved amount.

25. (Previously Presented) A video game device according to claim 1, wherein the operation of the operation member is multiplied by a predetermined coefficient set for the game to obtain a delta animation value, the display control unit being arranged to generate the new image data for the new frame to be created between successive frames stored in the storage unit by interpolation between the successive frames based on the delta animation value.

26. (Previously Presented) A video game device according to claim 1, wherein when the operation member is being operated, the display control unit is arranged to display the newly generated image data such that the number of frames

displayed in a predetermined time is reduced when the operation member is operating in comparison to when the operation member is not operated.

27. (Previously Presented) A character action setting method according to claim 9, wherein the newly generated image data is displayed such that the number of frames displayed in a predetermined time is reduced when the operation member is operating in comparison to when the operation member is not operated.

28. (Previously Presented) A computer-readable recording medium according to claim 17, wherein the newly generated image data is displayed such that the number of frames displayed in a predetermined time is reduced when the operation member is operating in comparison to when the operation member is not operated.

29. (Currently Amended) A video game device for displaying a human play character on a game screen displayed on a monitor, comprising:

an operation member for moving the human play character from a reference position to a predetermined position in a game space,

a storage unit for storing a first image data group including a ~~predetermined number~~ plurality of frames of image data for displaying a first action relating to the

moving action of the play character and a second image data group including a plurality of frames of image data for displaying a second action,

a display control unit for reading the first and second image data groups from the storage unit and displaying the action of the play character based on the read frames of image data, the display control unit being arranged to consecutively display the frames of image data at a constant time interval, said display control unit being arranged such that the moving speed of the play character displayed on the monitor by the first action varies according to the operated amount of the operation member, the unit moved amount ~~of the play character by the first action is~~ (l) being defined as a distance of the movement of the play character in said plurality of frames of image data for the first action and being set at a constant value regardless of the moving speed of the play character, and the distance (L) of the predetermined position from the reference position is a multiple of the unit moved amount (l), and

a switch control unit for switching the first image data group to the second image data group such that the first action and the second action are smoothly successively displayed without any discontinuity when the play character reaches the predetermined position by repeatedly displaying the first action,

the display control unit being coupled to the operation member and being arranged to sequentially display an image corresponding to each of the ~~predetermined number~~ plurality of frames of the image data for the first action stored in the storage unit when the operation member is not operated,

when the operation member is being operated, the display control unit being arranged to generate new image data for a new frame to be created between successive frames stored in the storage unit by interpolation between the successive frames based on the operation of the operation member and then to display the newly generated image data.

30. (Currently Amended) A character action setting method in a video game in which a human play character is displayed on a game screen on a monitor and moved from a reference position to a predetermined position in a game space by operating an operation member, the method comprising the steps of:

preparing a first image data group including a ~~predetermined number~~ plurality of frames of image data for displaying a first action relating to the moving action of the play character and a second image data group including a plurality of frames of image data for displaying a second action;

consecutively displaying a frame of image data at a constant time interval, said step of displaying a frame of image data comprising the steps of

sequentially displaying an image corresponding to each of the ~~predetermined number~~ plurality of frames of the image data for the first action when the operation member is not operated, and

upon operation of the operation member,

varying the moving speed of the play character displayed on the monitor by the first action according to the operated amount of the operation member,

defining a unit moved amount (l) as a distance of the movement of the play character in the plurality of frames of image data for the first action;

setting the unit moved amount (l) of the play character by the first action at a constant value regardless of the moving speed of the play character,

setting the distance (L) of the predetermined position from the reference position as a multiple of the unit moved amount (l),

generating new image data for a new frame to be created between successive frames by interpolation between the successive frames based on the operation of the operation member, and

displaying the newly generated image data such that the number of frames for the first action displayed in a predetermined time is reduced when the operation state of the operation member is changed; and

switching the first image data group to the second image data group such that the first action and the second action are smoothly successively displayed without any discontinuity when the play character reaches the predetermined position by repeatedly displaying the first action.

31. (Currently Amended) A computer-readable recording medium storing a character action setting program in a video game in which a human play character is displayed on a game screen on a monitor and moved from a reference position to a predetermined position within a game space by operating an operation member, the character action setting program comprising the steps of:

preparing a first image data group including a ~~predetermined number~~ plurality of frames of image data for displaying a first action relating to the moving action of the play character and a second image data group including a plurality of frames of image data for displaying a second action;

consecutively displaying a frame of image data at a constant time interval, .
said step of displaying a frame of image data comprising the steps of

sequentially displaying an image corresponding to each of the ~~predetermined number~~ plurality of frames of the image data for the first action when the operation member is not operated, and

upon operation of the operation member,

varying the moving speed of the play character displayed on the monitor by the first action according to the operated amount of the operation member,

defining a unit moved amount (l) as a distance of the movement of the play character in the plurality of frames of image data for the first action;

setting the unit moved amount (l) of the play character by the first action at a constant value regardless of the moving speed of the play character,

setting the distance (L) of the predetermined position from the reference position as a multiple of the unit moved amount (l),

generating new image data for a new frame to be created between successive frames by interpolation between the successive frames based on the detected operation of the operation member, and

displaying the newly generated image data such that the number of frames for the first action displayed in a predetermined time is reduced when the operation state of the operation member is changed; and

switching the first image data group to the second image data group such that the first action, and the second action are smoothly successively displayed without any discontinuity when the play character reaches the predetermined position by repeatedly displaying the first action.

32. (New) A video game device according to claim 1, wherein the play character is human, the first action is a running action of the human and the second action is an action performed by a human after reaching a finish line of an athletic competition.

33. (New) A character action setting method according to claim 9, wherein the play character is human, the first action is a running action of the human and the second action is an action performed by a human after reaching a finish line of an athletic competition.

34. (New) A computer-readable recording medium according to claim 17, wherein the play character is human, the first action is a running action of the human and the second action is an action performed by a human after reaching a finish line of an athletic competition.

35. (New) A video game device according to claim 29, wherein the first action is a running action of the human and the second action is an action performed by a human after reaching a finish line of an athletic competition.

36. (New) A character action setting method according to claim 30, wherein the first action is a running action of the human and the second action is an action performed by a human after reaching a finish line of an athletic competition.

37. (New) A computer-readable recording medium according to claim 31, wherein the first action is a running action of the human and the second action is an action performed by a human after reaching a finish line of an athletic competition.